

SEQUENCE LISTING

SEQ ID NO: 1

mMRP protein sequence

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SEQ ID NO: 2

mMRP cDNA, variant 1

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SEQ ID NO:3

30 cDNA sequence of mMRP, variant 2

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20 **SEQ ID NO:4**

hMRP1, partial amino acid sequence (437 a.a.)

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SEQ ID NO:5

hMRP1 partial DNA sequence (4174 bp)

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 5 CAGCGCCCTGCCCCACCCCTTGGAGCCAGGCACACAGTGACGACTCGGAGGCCACCAGCCTG
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TCGGCTGGGGCACCTGAGGTTGCCAGTCTGAGGGAGATGCCACCCGACCCCAGGCTCC
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5

SEQ ID NO:6

hMRP2 partial amino acid sequence (786 a.a.)

MYQSRPGVPVPVQPSRPPKAFLRKIDPKDEALAKLINGAHSSPPMLSPSPGKGPPPAV
 10 APRPKAPLQLGPSSSIKEKQGPLLDLFGQKLPIAHTPPPPAPPLPLPEDPGTLSAERRC
 LTQPVEDQGVSTQLLAPSGSVCFSTGTPWKLFLRKEVFYPRENFSPYLRLLCEQILR
 DTFSESCIRISQNERRKMKDLLGGLEVDLDSLTTTEDSVKKRIVVAARDNWANYFSRFFP
 VSGESGSDVQLLAVSHRGLRLLKVTQGPGLRPDQLKILCSYSFAEVLGVECRGGSTLELS
 LKSEQLVLHTARARAIEALVELFLNELKKDSGYVIALRSYITDNCSLLSFHRGDLIKLLP
 15 VATLEPGWQFGSAGGRSGLFPADIVQPAAAPDFSFSKEQSRSGWHKGQLSNGEPGLARWDR
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 LKLCQQEKLRLDEIYCQVIKQVTGHRPEHCTRGWSFLSLLTGFFPPSTRLMPYLTFLQD
 SGPSQELARSSQEHLQRTVKYGGRRRMPPPGEMKAFLKGQAIRLLLIHLPGVDYRTNIQ
 20 TFTVAAEVQEELCRQMGITEPQEVQEFALFLIKEKSQLVRPLQPAEYLNSSVVVDQDVSLH
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 PQGRTC

25 **SEQ ID NO:7**

hMRP2 partial DNA sequence (3780 bp)

CGGCAGCAGCAGGCTCGGGCCTCCGAGGCTGCGTCCCAGGCCTCACCTCAGCCGTACC
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 30 GGTGGCTGCCTGAGGGAGACCTCCGAGGAGGCTGAAGACAGGCCCTATCAGCCCAAGAGC
 TTCCAGCAGAAACGGAACCTATTTCCAGAGGATGGGGCAGCCACAGATCACAGTGAGGACG
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 GAGGAGGAGGAGGAGGAGCAGGAGGAGCAAGAAGTGGAACAAGAGCAGCGCCGTCCCCT
 CCTCCTCCCCCATCGTGAAGAAGCCATTGAAGCAAGGTGGGGCCAAAGCTCCAAAAGAG

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 AGCCATCCAGGCCTCCCAAAGCTTTCCTGAGGAAAATCGACCCCAAGGACGAGGCTCTGG
 5 CCAAGCTGGGTATCAACGGTGCCCACTCGTCCCCGCCGATGCTGTCCCCCAGCCCAGGAA
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 10 TACTCGCGCCCTCTGGCAGCGTGTGCTTCTCCTACACCGGCACGCCCTGGAAGTTGTTCC
 TACGCAAGGAGGTGTTCTACCCACGGGAGAACTTCAGCCATCCCTACTACCTGAGGCTCC
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 20 GGGGCCAAAGCGGGCTGCAGGAACTCGGCTGGGGCACCTGAGGTTGCCAGTCTGAGGGA
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SEQ ID NO:8

25 MRP signature sequence 1

PWKLFLRKEVFYPRENFHPY

30 **SEQ ID NO:9**

MRP signature sequence 2

KKRIVVAARDNWANYFSR

SEQ ID NO:10

MRP signature sequence 3

5 KDSGYVIALRSYITD

SEQ ID NO:11

MRP signature sequence 4

10

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